



489256

495306

SITE INSPECTION DECISION - EPA REGION VIII

Site Name: YANKTON LIGHTING & HEATING CO. #1 EPA ID#: SD D987674595

Alias Site Names: _____

City: YANKTON County or Parish: YANKTON COUNTY State: SDRefer to Report ^{Approved} Dated: 6/5/97 Report developed by: URS

The purpose of this sheet is to document the decision made at the conclusion of a Comprehensive Environmental Response Compensation and Liability Act (CERCLA) Site Inspection (SI) with respect to future Federal Superfund actions to be taken at the site. If, as a result of this evaluation, the site is likely to score equal to or above 28.5 on the Hazard Ranking System (HRS), an Expanded Site Inspection (ESI) or the preparation of an HRS package will be scheduled. If the site is unlikely to score above 28.5, it will be designated "No Further Remedial Action Planned" (NFRAP). A site will be scheduled to re-conduct a Screening Site Inspection (SSI) or Site Inspection Prioritization (SIP) if insufficient data exist to determine the likelihood of an HRS score above 28.5.

(CHECK ALL THAT APPLY)

WASTE TYPE	NATURE OF RELEASE
<input type="checkbox"/> KNOWN LISTED HAZARDOUS SUBSTANCE	<input type="checkbox"/> OBSERVED OR DOCUMENTED
<input checked="" type="checkbox"/> SUSPECTED HAZARDOUS SUBSTANCE	<input checked="" type="checkbox"/> SUSPECTED
<input type="checkbox"/> CERCLA - EXEMPT WASTE	<input type="checkbox"/> UNKNOWN
<input type="checkbox"/> UNKNOWN	<input type="checkbox"/> NONE/FULLY CONTAINED
<input type="checkbox"/> NONE/NO LONGER ON SITE	

TARGETS/RECEPTORS

<input type="checkbox"/> KNOWN	<input checked="" type="checkbox"/> POTENTIAL
HUMAN	HUMAN
<input type="checkbox"/> INHALATION	<input type="checkbox"/> INHALATION
<input type="checkbox"/> DRINKING WATER	<input type="checkbox"/> DRINKING WATER
<input type="checkbox"/> FOOD CHAIN/FISHERIES	<input checked="" type="checkbox"/> FOOD CHAIN/FISHERIES
<input type="checkbox"/> ON-SITE	<input type="checkbox"/> ON-SITE
<input type="checkbox"/> NONE	<input type="checkbox"/> UNKNOWN
ENVIRONMENTAL	ENVIRONMENTAL
<input type="checkbox"/> SENSITIVE ENVIRONMENT (HRS TABLE 4-23)	<input checked="" type="checkbox"/> SENSITIVE ENVIRONMENT (HRS TABLE 4-23)
<input type="checkbox"/> TERRESTRIAL SENSITIVE (HRS TABLE 5-5)	<input type="checkbox"/> TERRESTRIAL SENSITIVE (HRS TABLE 5-5)
<input type="checkbox"/> WETLANDS	<input checked="" type="checkbox"/> WETLANDS
<input type="checkbox"/> NONE	<input type="checkbox"/> UNKNOWN

NOT ELIGIBLE FOR NPL

<input type="checkbox"/> INSUFFICIENT POPULATION WITHIN HRS PROXIMITY FOR RELEASE PATHWAY
<input type="checkbox"/> TARGET POPULATION NOT IN PHYSICAL PATHWAY FOR EXPOSURE TO OCCUR

HIGHER PRIORITY QUALIFIER		LOWER PRIORITY QUALIFIER
HRS CANDIDATE	<ul style="list-style-type: none"> -Potential or actual risk -Level I or II known/probable -High toxicity, mobility, persistence and/or bioaccumulation -HRS ready 	<ul style="list-style-type: none"> -No immediate risk -Potential targets are high -HRS ready
NO FURTHER REMEDIAL ACTION PLANNED (NFRAP)		
NOT A HRS CANDIDATE	<ul style="list-style-type: none"> -No waste present/low waste quantity/low toxicity/low ecotoxicity -Full containment/no releases via pathway(s) of concern or -CERCLA exempt waste or -No targets within HRS proximity/low targets given the waste characteristics 	

DECISION:

☒ NO FURTHER REMEDIAL ACTION PLANNED (NFRAP) - Site does not qualify for further assessment under CERCLA

☐ DEFERRED - Site may qualify for further action, but is deferred to: ☐ RCRA subtitle C permit
☐ NRC (Federal License)

FURTHER ASSESSMENT NEEDED:

☐ HIGHER PRIORITY - ESI, SIP, or HRS package required as soon as possible—site established as a higher threat
(circle one)

☐ LOWER PRIORITY - No Level I or Level II found—site established as a lower threat

DISCUSSION/RATIONALE: During field reconnaissance, there was no evidence of gas plant operations or wastes being identified. Therefore source material, if present, is currently contained by soil. Several surface water and sediment samples were collected. The only sample that showed elevated concentrations of hazardous substances was the sediment sample (YTG-SEL-3) collected approximately 1/2 mile downstream of Seventh and Douglas Streets. This sample contained elevated concentrations of copper and magnesium. Typically by-products of the coal gasification process includes cyanide, ammonia, and coal tar containing polynuclear aromatic hydrocarbons (PAHs). The identification of inorganics in the sediment cannot be attributed to this site. As a result, the site is considered NFRAP.

Report Reviewed and Approved by: KATHLEEN M. ATENCIO Signature: Kathleen M. Atencio Date: 6/5/97

Site Decision Made by: KATHLEEN M. ATENCIO Signature: Kathleen M. Atencio Date: 6/5/97